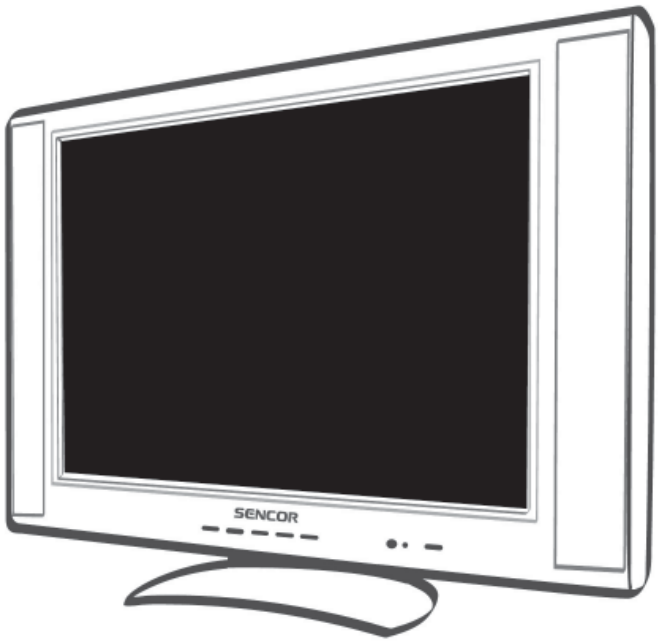
SENCOR®

SLE 22F46DM4



LED Television with DVD
Instruction manual

Please read this manual carefully before TV operation. Retain it for future reference. Record model number and serial number of the set. See the label attached on the back cover and quote this information to your dealer when you require service.

EN

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Important safety conditions

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the device to somebody, please also include all the documentation together with this device, including this user's manual.

The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this device, which presents a risk of injury by electrical shock.

To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.

The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the device's documentation.

General safety instructions

- Carefully read this manual before using the device. Follow the instructions contained in this user's manual.
- Heed all warnings.
- Adhere to all instructions.
- Use only accessories determined by the manufacturer.
- **AN OPEN FLAME MUST NOT BE PLACED ON THE DEVICE, E.G. A BURNING CANDLE. DO NOT PLACE HOT ITEMS OR OBJECTS WITH AN OPEN FLAME E.G. CANDLES OR NIGHT LAMPS ON OR IN THE VICINITY OF THE DEVICE. HIGH TEMPERATURES MAY MELT PLASTIC PARTS AND CAUSE A FIRE.**
- Use the device in a temperate climate zone.
- Neither the manufacturer nor the seller of the device under no condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this device as described in this user's manual.
- Protect the device against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Before allowing children to use the device, they must be appropriately to their age, informed about the correct and safe use of the player.
- If the device is equipped with a headphone jack, do not use headphones set to an extreme volume. There is a danger of hearing damage or loss.

Installation, operation

- Install the device according to the instructions in the user's manual.
- Leave free space on all sides of the device, necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the device's case creates a risk of overheating or damaging the device. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.
- This device should not be located in a confined area such as a bookshelf or rack, if sufficient ventilation is not provided for or the instructions of the manufacturer are not followed.
- Never insert any items into any ventilation or other openings because they could come into contact with points with dangerous voltage levels or cause a short circuit of parts, which could cause a fire or injury by electric shock. Never pour any liquid into the device.
- Do not install the device in direct sunlight or near sources of heat, such as heaters, heat exchangers,

Important safety conditions

stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the device. Do not use or leave the device in the vicinity of an open fire.

- The device must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the device against rain, spray or contact with any other liquid, do not leave or install the device outdoors. Do not use the device outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this device near water.
- Treat the glass panel and device cover with care. The screen glass can break on impact and cause serious injuries.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the device or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Never use a device with a damaged power cord or plug. If the power cord or plug are damaged, turn off the device, disconnect it from the power source and contact an authorised service centre. A damaged power cord or plug may only be replaced by qualified personnel. Under no circumstances attempt to replace the power cord or plug yourself.
- Do not try to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the device into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the device or on its power adapter. If you are not certain about the type of power sources in your home, contact your vendor or the local energy company.
- Before turning on the device, check that the electrical connection is performed properly and in accordance with the instructions of the manufacturer. Before connecting or changing the connection, turn off the device and disconnect it from the mains.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the back side of the device.
- Insert the power plug into an independent power socket. Do not overload wall sockets with extension cords or multi-socket adapters. There is a risk of injury by electric shock.
- When disconnecting, hold the power cord by the plug and not by the cord itself.
- Disconnect the device from the power socket during storms or if you will not be using it for a longer time.
- Avoid moving the device from a cold environment to a warm one or vice versa, or when using the device in a very humid environment. Air humidity may condense on some components inside the case of the device and the device may stop working temporarily. If this occurs leave the device in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the device can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
- Do not place this device on an unstable cart, pedestal, stand, bracket or table. The device could fall and cause serious injuries to children or adults or could be seriously damaged or damage other items. Only use the device with a cart, pedestal, stand or table designated by the manufacturer or sold with the device. Any mounting of the device should be carried out according to the manufacturer's instructions and the mounting accessories recommended by the manufacturer should be used.

- Do not lean on the device, do not lean over it or use it as a step. Protect it against violent movements. Ensure that children do not play with the device.
- If using the cart, be careful when moving it. Stopping suddenly, excessive force and uneven surfaces could cause the cart to fall over with the device.
- Neither the manufacturer nor the vendor of the device under no condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this device as described in this user's manual.
- Protect the device against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Do not expose the device to extreme temperatures or humid conditions.

Important safety conditions

Note:

If the device is powered by an adapter, use only the adapter and AC power cord supplied with the device. Do not use faulty power sockets. Check that the power plug is properly inserted into the power socket. If the power plug is loose, arching could result in a fire. Contact a qualified electrician to have your socket replaced.

Note:

Only connect the device to a properly grounded socket with a protective grounding pin.

Note:

If you will be installing the device on a wall or to the ceiling, follow the manufacturer's instruction found in the user's manual of the particular device.

Repairs and maintenance

- To prevent risk of injury through electric shock or the creation of a fire, do not take the device out of the case - there are no parts inside the case repairable or adjustable by the user without relevant equipment and qualifications. Should the device require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the device, e.g. if there is a distinct smell of burning insulation or smoke comes out of the device, immediately turn off the device, disconnect the device from the power source and do not use the device until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the device has been damaged in any way, for example if the power cord is damaged, liquid was poured on the device, foreign objects have entered the device, the device has been exposed to rain or moisture, if the device is not working as usual or if it has fallen.
- In the event of repair or replacement of a part of the device, ensure that the service technician uses components designated by the manufacturer or that these components have the same specifications as the original ones. Unauthorised replacements could cause a fire, lead to a danger of injury by electrical shock or other dangers.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the device only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

Note:

Do not throw the device into ordinary household waste. For disposal follow all local laws and regulations.

Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. Do not use or leave the device in the vicinity of an open fire.
- Ensure that the sensor is not exposed to a strong light source (e.g. sunlight) or light from fluorescent light tubes, which could reduce the effectiveness and reliability of the remote control.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or the battery.
- Do not use this device near water.
- It is necessary pay attention to the environmental impact aspects of battery disposal.

Important safety conditions

- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
  - Do not insert the batteries in the wrong direction.
  - Do not recharge, heat, open or short circuit the batteries.
  - Do not throw batteries into a fire.
  - Do not leave discharged batteries in the remote control.
  - Do not combine various types of batteries or new and old batteries.
  - If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
  - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
  - If electrolyte leaks out from the batteries, have the remote control cleaned at an authorised service centre.

Attention:
To prevent a fire hazard or injury by electrical shock, do not expose this device to rain or humidity.

Attention:
Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

DVD player

This device is equipped with a built-in DVD player.
For safety reasons, as a rule, the disc drive is located on the side of the device, thus preventing exposure to laser radiation. Under no circumstances should you in any way attempt to modify or change the disc drive opening. Do not look into the disc drive opening when inserting a disc into the disc drive or during playback. An emission of visible laser radiation could occur. Do not look into laser beams.

ATTENTION:
This device with a built-in DVD player is a class 1 laser product. When using control elements or procedures that are not described in this user's manual, people may be exposed to dangerous radiation as the laser beam used in this device is damaging to human eyesight. Do not attempt to disassemble the device's housing. Have all repairs performed by qualified personnel at a service centre.

WARNING:
Tampering and adjusting or modifying the device without the express approval of the manufacturer or an authorised representative may lead to the warranty becoming void, loss of the device, damage to property and last but not least to serious health damage to people.

Storing and handling discs:

Handling discs

- Use discs that have a regular shape. Using an irregular-shaped disc (a disc with an irregular shape) may damage the player.
- Do not touch the surface of the disc where there is no label and where the recording is stored. When handling the disc, hold it by its edges or by the edge and the centre disc opening.
- Do not stick any papers or adhesive tape on the disc.
- If you will not be using the player for an extended period of time, remove the batteries and pack it for storage.
- Take care not to leave fingerprints or scratches on the disc.

Important safety conditions

Notes:

- Do not write on the printed side of the disc with a ballpoint pen or pencil. For labelling discs use soft felt tip markers made specially for this purpose.
- Do not use scratch-resistant protection or covers.
- Do not use discs with labels made using label printers available on the market.
- Do not insert warped or cracked discs.

Cleaning discs

- Fingerprints and dust affect the quality of the image while playing the recording from the disc. Prior to use, wipe the disc from the centre outwards using a clean lint-free cloth.
- Do not use any solvents such as thinners, benzol (benzene), standard cleaning agents or anti-static sprays.

Storing discs

- Take care not to damage the disc because data stored on it is very sensitive to the surrounding environment.
- Do not leave discs in direct sunlight or near sources of heat. Do not leave discs in closed motor vehicles parked in direct sunlight. There is a risk that the disc may warp.
- Store in a cool ventilated place.
- Store in a vertical position.
- Store in a clean protective cover.
- If you suddenly move the player from a cold location to a warm one, then condensation may form on the components and lens and cause irregular playback of the disc. If this occurs, do not connect the power cord to a power socket and wait for 2 hours. Then insert a disc and try playing it again.

Supported disc formats

The system supports the following disc formats:

Disc Type	Disc Size (Diameter)	Recorded Time	Recorded Content	Remarks
DVD	12cm	Single side: 120mins. Approx Double side: 240mins. Approx	DVD format: Compressed digital audio and video	
Super VCD	12cm	45mins. Approx	MPEG2 Compressed digital audio and video	Include SVCD
VCD	12cm	74mins. Approx	MPEG1 Compressed digital audio and video	Include: VCD2.0/ VCD1.1 VCD1.0/ DVCD
CD	12cm	74mins. Approx	CD-DA: Digital audio	
HD-CD	12cm	74mins. Approx	HD-DA: Digital audio	
MP3/JPEG	12cm	600mins. Approx	Digital audio	

Note:

Also support DVD-R, CD-R, CD-RW playback.

WARNING! DO NOT INSERT OR PLAY 8CM DISC, THEY WILL GET STUCK.

Important safety conditions

RW COMPATIBLE

This information informs the user that the player can playback DVD-RW recordings in VR format (Video Recording).

Notes:

1. Depending on the recording media, recording method (used PC program used for the disc recording) and its finalisation, it is possible that it will not be possible to play some CD-R or DVD+/-RW/R discs.
2. Do not stick any stickers or labels on either side of the disc (the side with the printed label or the side with the recording).
3. Use the player to play only circular discs - when playing irregular shaped discs there is a risk of damaging the disc or the player.
4. Some DVD and Video CD playback operations may be intentionally programmed by the producer of the software. This device plays DVD and Video CD discs according to the disc contents created by the producer of the software and so some playback functions may not be available, or conversely there may be additional functions available.

Made under a licence from Dolby Laboratories, Inc. "Dolby", "Pro Logic" and the double D icon are registered trademarks of Dolby Laboratories, Inc.

Region code

This player is intended for playing DVD video designated by the code for region 2 or ALL (discs designated in this way can be played by all DVD players). You can find the region code of the disc on its label, the region code of the player is located on its rear or under side. After inserting a DVD with a different than the above mentioned region code into the player a message will appear on the screen "Check region Code" and the playback of the DVD will be rejected.

This product is equipped with copyright protection technology, which is protected by USA patents and other intellectual property laws of ROVI. Reverse engineering and disassembly are forbidden.

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Supplement to the LCD screen user's manual

Warning about displaying static images, red/blue/green pixels on the screen.

Displaying a static image may cause permanent damage to the LCD panel.

- Do not display a static image on an LCD screen for longer than 2 hours as the image may remain in the picture of the screen. This permanent picture is called "screen burn-in". To prevent such permanent images, lower the brightness and contrast level on the screen when viewing a static image.
- A similar effect "image burn in" may occur on an LCD panel because of a permanently displayed television station logo.
- Viewing pictures in formats 4:3, 16:9 or similar modes, which do not cover the entire screen for an extended period of time may leave display marks on the left, right side or in the middle of the screen, caused by the differing light level on the screen. Playing a DVD or image from a game console can cause a similar effect on the screen.
- Displaying a static image of video games and from a computer for an extended period of time may cause partial image remains. To prevent this effect from occurring lower the brightness and contrast when displaying a static frame.

Damage resulting from the above mentioned causes is not covered by the warranty!

Red, blue, green and black pixels may appear on the screen.

- This is characteristic for liquid crystals and is not considered to be a problem. Liquid crystal panels are manufactured using a very precise technology bringing very fine image details. Occasionally inactive pixels may appear on the screen as permanent black, green, blue or red pixels (maximum 0.001% of the total number of pixels). Please take note that this does not affect the performance of the LCD screen.

Notes on the USB connector:

USB flash drives must be inserted into the device directly. To prevent data transmission failure or its interference do not use USB extension cables. Electrostatic discharges may cause the device to malfunction. In such an event the user must restart the device.

Before using a USB flash drive test its ability to communicate with the device and its data reading and writing speed.

To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB flash disk is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected flash drive, or the presence of viruses or other damaging software may cause the functions of the device to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

The device was designed to achieve maximum compatibility with flash drives. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties try formatting the flash drive directly in the appliance. If problems persist, use a different flash drive.

Due to the wide range of USB devices available on the market it is not possible to guarantee the compatibility of the device with all USB devices.

Serial number of the device

The serial number of the product is unique and unequivocally identifies your device.
Enter the serial number of your device together with other details necessary for the definite identification of your device below.

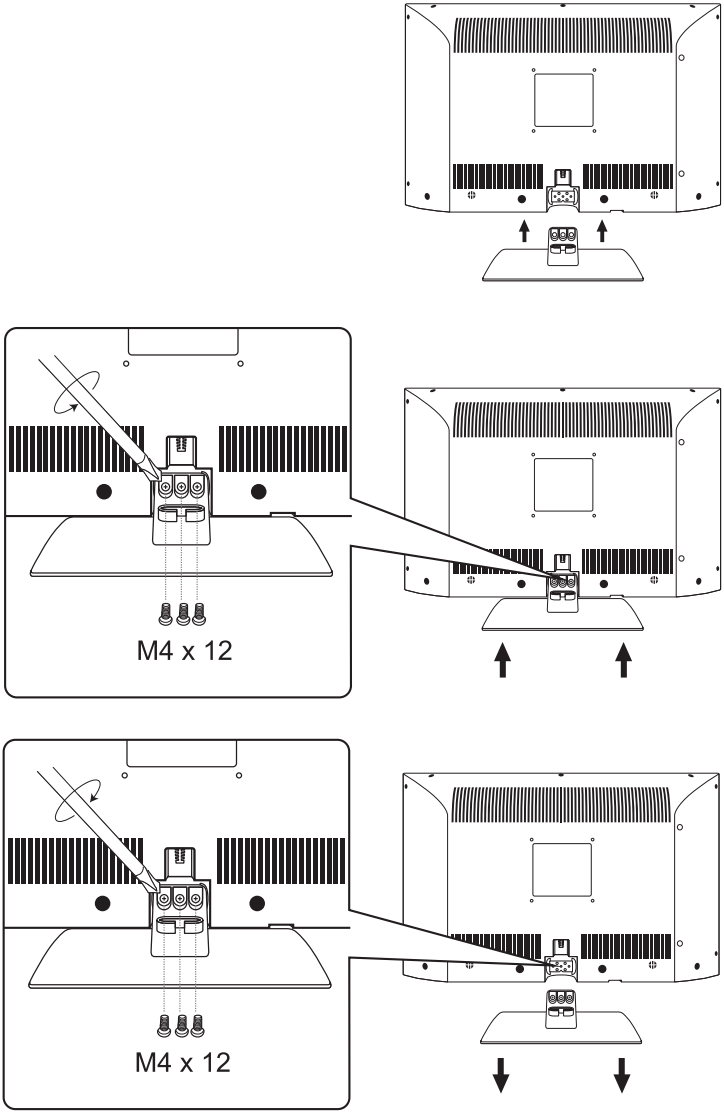
Serial number: _____

Date of purchase: _____

This symbol indicates that the device has double insulation between the dangerous mains voltage and the parts accessible to the user. In the case of servicing use only identical spare parts.

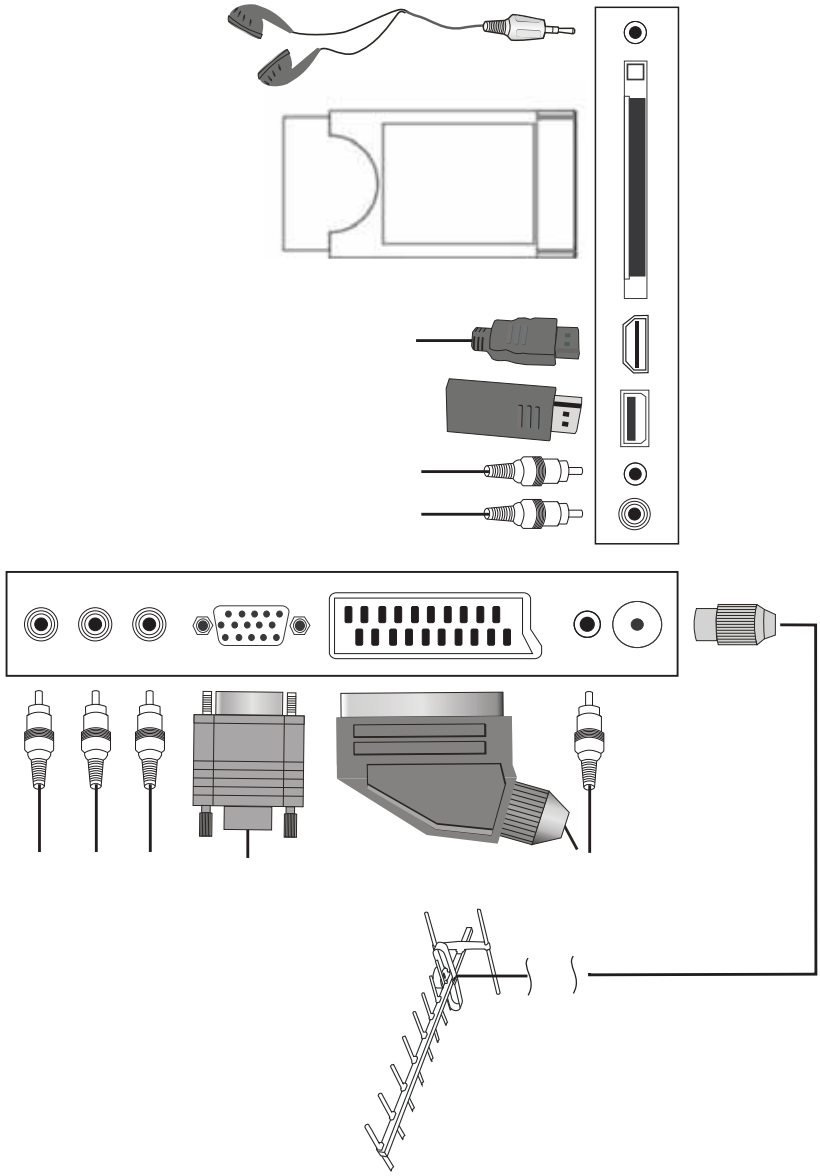
Before use

TV STAND MOUNTING



Caution:
Before mounting a TV stand, place TV on a blanket or quilt with the TV screen facing down, to avoid surface damage.

Connecting Diagram



NOTE

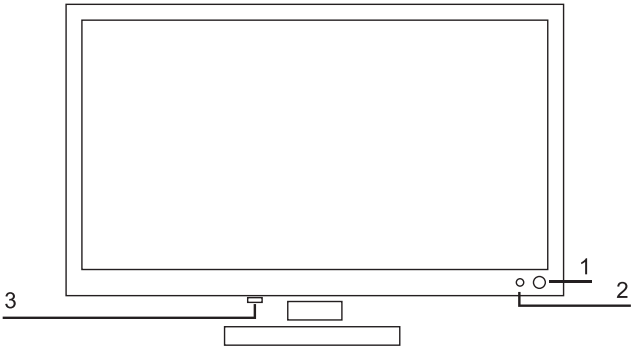
You should insert all necessary cables BEFORE plugging in power cord.

Description

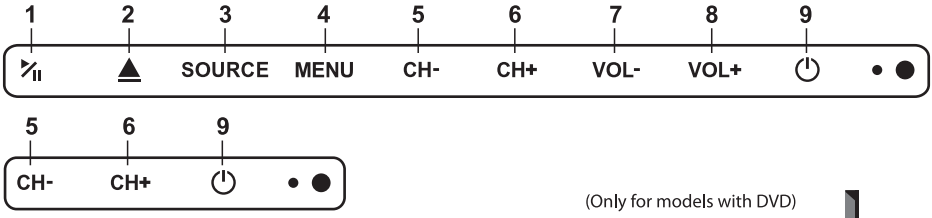
PANEL BUTTON FUNCTIONS

FRONT PANEL

1. **IR sensor window**
2. **Indicator** (the indicator is red when in standby mode, and green when in working normally).
3. **Mains Power Switch -** Completely turns ON or OFF the power to the TV set to save on electricity.



Local keyboard panel (option)

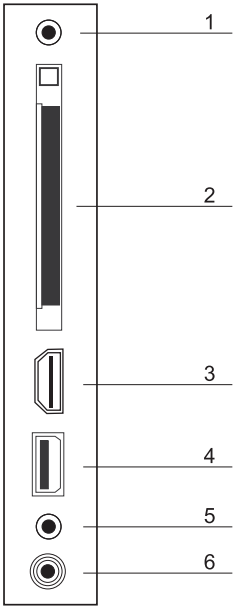


1. Start of play or pause of play
2. Take the disc out
3. Select input source
4. Enter or exit menu
5. Decrease channel number
6. Increase channel number
7. Decrease sound volume
8. Increase sound volume
9. Switch between standby and power-on mode

(Only for models with DVD)

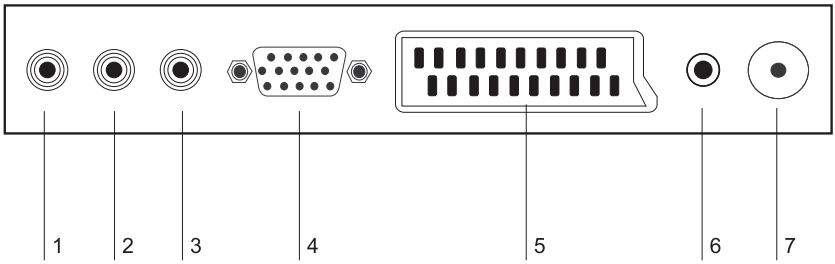
LABEL SIDE

Side panel



1. Audio Earphone output
2. CI Slot
3. HDMI input
4. USB input
5. Component input
6. Coaxial output

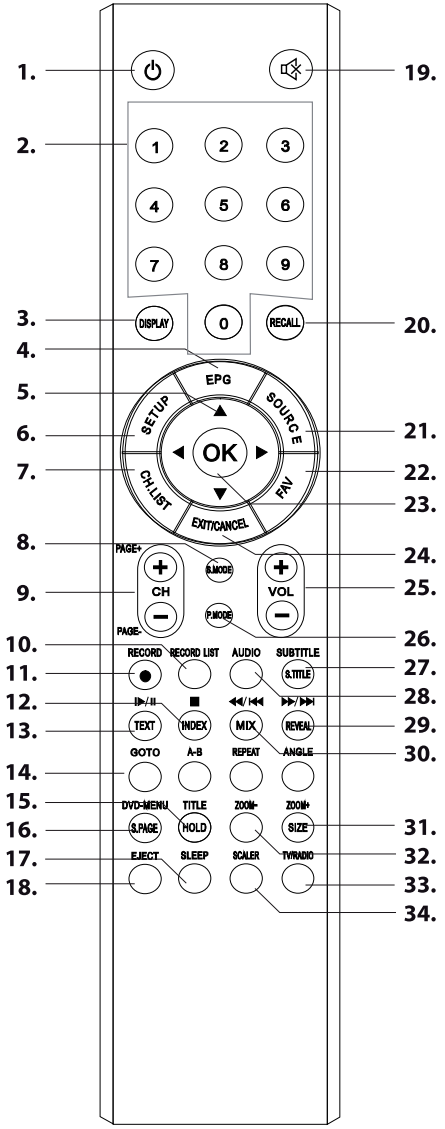
Rare panel



1. CVBS input
2. CVBS / S-Video Left audio input
3. CVBS / S-Video Right audio input
4. PC VGA input
5. SCART connecting terminal
6. PC audio input
7. TV signal input

Remote control

REMOTE BUTTONS



1. **POWER** ⏻
   Switches the TV between on and standby mode.
2. **0–9 Number Button**
   - Press to select a programme. (ATV / DTV mode)
   - Select numbered items in a menu. (DVD mode*)
3. **DISPLAY**
   - Display the present channel information such as the current time and channel name. (ATV / DTV mode)
   - Display the present disc information. (DVD mode*)
4. **EPG**
   Displays the EPG (Electronic Programme Guide). (DTV mode)
5. **◄▲▼►**
   Allows you to navigate the OSD menus and adjust the system settings to your preference.
6. **SETUP**
   Display the OSD (On Screen Display) menu.
7. **CH.LIST**
   Display the channel list. (ATV / DTV mode)
8. **S.MODE**
   Select sound mode.
9. **CH + / –**
   Select a channel.
   PAGE + / –
   - To skip to next/previous page on the teletext screen. (ATV mode)
   - Zoom in/out on the displayed picture. (USB mode)
10. **RECORD LIST**
    To open a record list.
11. **RECORD**
    Recording to USB device. (DTV mode)
12. **INDEX**
    To select the page number of the index from teletext. (ATV mode)
    ■ (Stop)
    To stop the playback or recording. (USB / DVD mode*)
13. **TEXT**
    Turns on and off the teletext function. (ATV / DTV mode)
    I►/II
    - To start/pause playback. (DVD / USB mode)
    - Time Shift Function. (DTV mode)
14. **Coloured buttons**
    Access the TELETEXT items or channel edit when using Digital / Freeview TV Channels. (ATV / DTV mode)

GOTO (RED)
To skip to a specific location on a DVD / CD. (DVD mode*)
A–B (GREEN)
Repeat a segment between A and B. (DVD mode*)
REPEAT (YELLOW)
Select between different repeat modes. (DVD mode*)
ANGLE (BLUE)
Select different angles for the video. (DVD mode*)

15. HOLD
Freezes a multi-page passage on screen in teletext. (ATV mode)
TITLE
Displays the DVD title content. (DVD mode*)

16. S.PAGE
Displays the subpage on the teletext screen. (ATV mode)
DVD-MENU
Display the DVD menu. (DVD mode*)

17. SLEEP
Sets the TV sleep timer.

18. EJECT
Eject a disc. (DVD mode*)

19. MUTE
Mutes and restores your TV sound.

20. RECALL
Return to the previous viewing channel. (ATV / DTV mode)

21. SOURCE
Select among the different input signal sources.

22. FAV
Display the favourite channel list. (ATV / DTV mode)

23. OK
Confirm selection.

24. EXIT/CANCEL
Exit menu / cancel operation.

25. VOL + / –
Adjusts the volume.

26. P.MODE
Select picture mode.

27. S.TITLE
Selects subtitles which are broadcast with the programme. (DTV mode).
SUBTITLE
Selects subtitles on the DVD. (DVD mode*)

28. AUDIO
Switches between the audio languages (only applicable when the TV programme / disc has this features.) (DTV / DVD mode*)

29. REVEAL
Reveals hidden information such as the answer to a quiz in teletext. (ATV mode)

►►/►►|
- To advance playback rapidly. (DVD / Media mode*)
- Hold 3 seconds to skip to the beginning of the next chapter / track /photo. (DVD / Media mode*)

30. MIX
Select TELETEXT with a TV programme. (ATV mode)
◄◄/|◄◄
- To reverse playback rapidly. (DVD / Media mode*)
- Hold 3 seconds to skip to the beginning of the previous chapter / track / photo. (DVD / Media mode*)

31. SIZE
To enlarge the picture on the TV in teletext. (ATV mode)
ZOOM+
Zoom in on the displayed frame. (DVD mode*)

32. ZOOM–
Zoom out on the displayed frame. (DVD mode*)

33. TV/RADIO
To switch between TV and radio modes. (DTV mode)

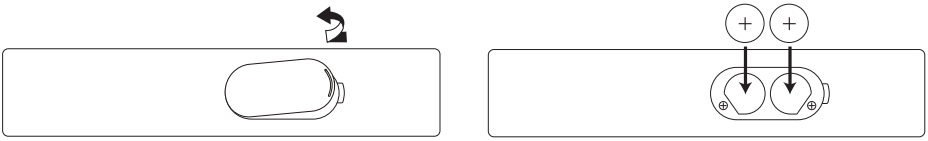
34. SCALER
Allows you to watch the screens in various formats.

* Only for model with DVD.

Remote control

Battery installation

Remove the battery cover. Insert two CR2025 (3V) batteries as shown in the picture:



Battery life

– Normally, battery can be used for one year.

– If the remote control is still not working, when very near to the TV's remote sensor window, please use new batteries.

– Please use CR2025 (3V) batteries.

Note:

Remove battery during storage or when you are not using the device for a long time.

- To control the device using the remote control, point the remote control at the device and then press the button with the required function. The maximum range of the remote control is about 5 meters with a deviation of up to +/- 30° from the perpendicular direction to the reception sensor of the remote control on the front side of the device. The falling capacity of the batteries gradually reduces the remote control range. There must be no solid obstacles in the area between the remote control and the device when the remote control is being used.
- During standard use the lifetime of batteries in the remote control is about 1 year. When the effective range of the remote control is substantially reduced, or when there are problems with its use, change both the batteries in the remote control. If you will not be using the remote control for a longer period of time, take out both batteries from it – in this way you will prevent potential damage caused by their leakage.
- Avoid strong impact of light (e.g. sunlight or light from strong fluorescent/saving sources) which can reduce the effectiveness and reliability of IR remote control.

CAUTION:
Please put battery in the place children can not touch. If swallow by accident, please contact with the local doctor immediately.

Let‘s start

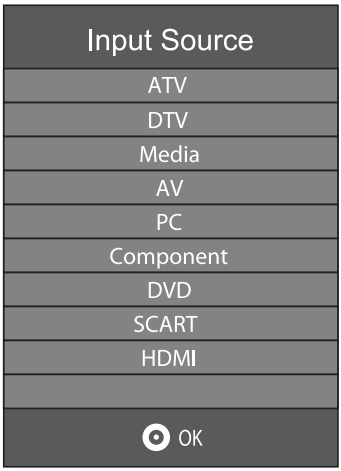
SWITCHING ON

After the unit has been suitably placed / fixed, on the desk or on the wall, and all necessary cables include power have connected, the next you should do is:

Press the ⏻ button on the remote control to make the unit switch to power-on mode - you will see the LED indicator turn green. Now you can enjoy the many features of your new TV.

SELECT SOURCE OPERATION

You can select input source by using source menu. Press **SOURCE** button on the remote control to show the menu as follows:



The current source item is highlighted. Press ▲/▼ or **SOURCE** button on the remote control to select your desire. Press **OK** button to confirm your choice.

Dtv menu setup

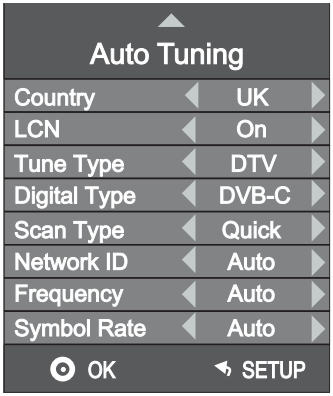
In DTV mode, press **SETUP** button on the remote control.

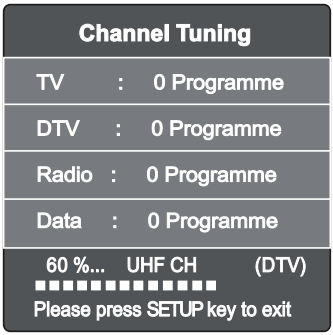
Through pressing ◄/► button on the remote control, you can select menu sections (menu sections consist of "CHANNEL", "PICTURE", "SOUND", "TIME", "LOCK", "SETUP").
Press ▲/▼ or **OK** button to enter this menu section.
Press ▲/▼ or **OK** button on the remote control to select the item in this menu section, and then press ◄/► button to adjust parameter value. Press **SETUP** button to return to main menu or **EXIT** button to exit from menu tables.

CHANNEL

Select CHANNEL section to setting DTV channels. You may select Auto Tuning, DTV Manual Tuning, ATV Manual Tuning (described in ATV MENU SETUP), Programme Edit, Signal Information and CI Information.

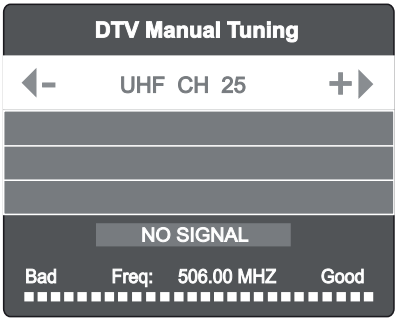
Select Auto Tuning option, press **OK** or ►. Press ▲/▼ to select the desired option:
Country, LCN, Tune Type and Digital type. You can select DVB-T or DVB-C digital type. After selecting the desired settings, press **OK**. Auto Tuning will process channel tuning automatically. You will see Channel Tuning window on the screen during the channel search (see right image):



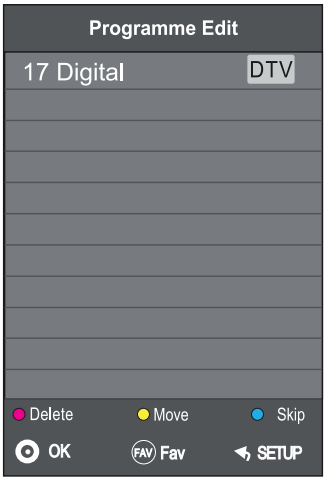


DTV menu setup

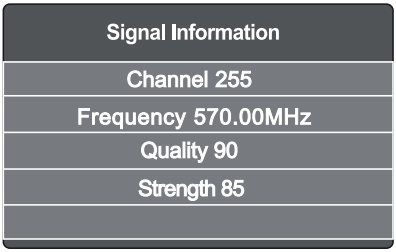
Select DTV Manual Tuning item, press ◄/► button to select channel number and press OK to start search.



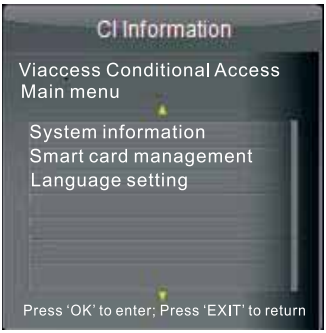
Programme Edit item enables to enter submenu to set channel Delete, Skip and add to favourite list Fav.



Signal Information item enables to obtain information about the frequency, quality and strength of the signal.



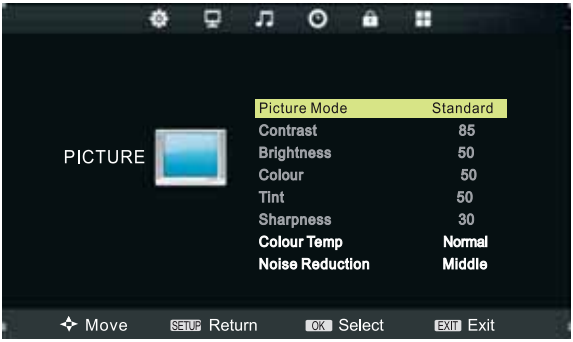
CI Information item enables to obtain information about the Conditional Access, if CI Module inserted.



DTV menu setup

PICTURE

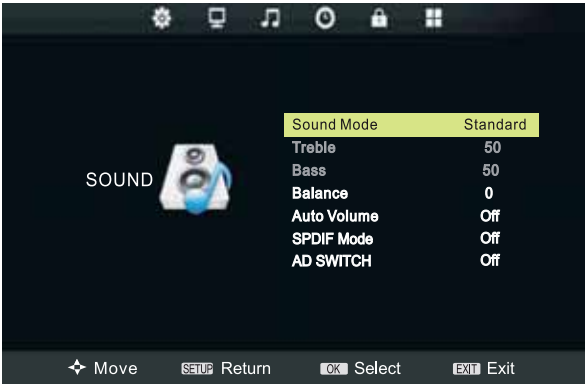
Select PICTURE section to adjust picture parameters. You may select Picture Mode, Colour Temperature, Noise Reduction and adjust Contrast, Brightness, Colour, Sharpness, Tint.



Picture mode item can be changed between Personal, Dynamic, Standard and Mild.
Colour Temperature mode item can be changed between Normal, Cold and Warm.
Noise Reduction item can be changed between reduce noise mode: Off, Low, Middle, High and Default.
You may adjust Brightness, Contrast, Colour, Sharpness, Tint for Personal mode.

SOUND

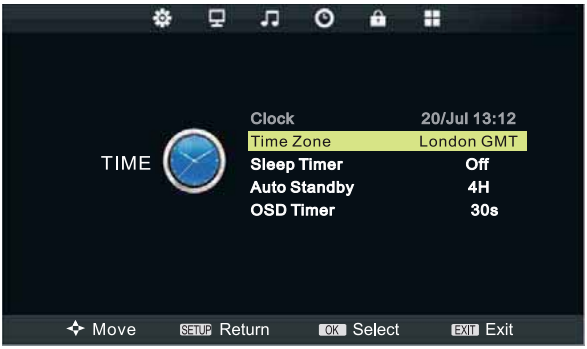
Select SOUND section to adjust sound parameters. You may select Sound Mode, Auto Volume, SPDIF Mode, AD Switch and adjust Treble, Bass and Balance.



Sound Mode item can be changed between Personal, Standard, Music, Movie and Sports.
Auto Volume item can be changed between Off or On for control volume automatic. Default value is On.
SPDIF Mode item can be changed between Off, PCM or Auto.
AD Switch item can be changed between Off or On. If On selected, you can adjust AD Volume from 0 to 100.
Treble and Bass items can be adjusted from 0 to 100.
Balance item can be adjusted from -50 to +50 for L and R sound balance. Default value is 0.

TIME

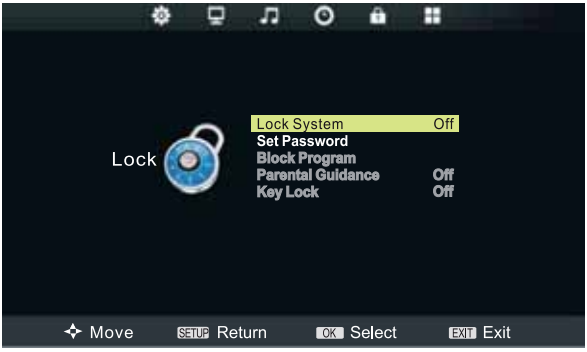
Select TIME section to select Time Zone, Sleep Timer, Auto Standby and OSD Timer.



Time zone for adjust the local time zone.
Sleep Timer item enables to set the sleep timer (Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min and 240min).
Auto Standby item enables to set the auto standby function (Off, 3H, 4H and 5H).
OSD Timer item enables to set OSD time on screen (5s, 10s, 15s, 20s, 25s and 30s).

LOCK

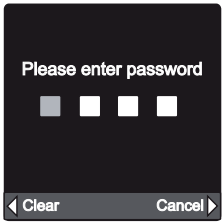
Select LOCK section to Lock System, Set Password, Block Program, Parental Guidance and Key Lock.



You can lock selected program or keyboard, set the parental guidance, if the item Lock System is to On switched.

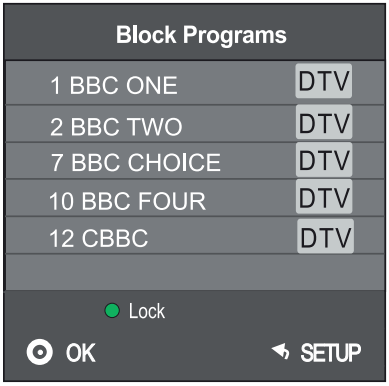
DTV menu setup

If you want to change the Lock System, you must enter default password: 0000 first.

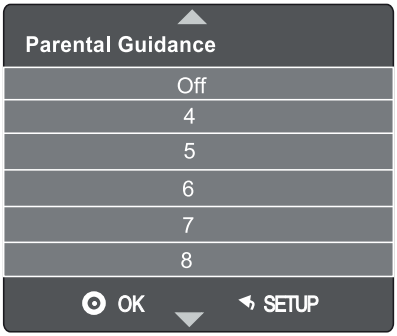


If you want to change default password, you must select Set Password item.

Block program item enables to block access to undesired programs.



Parental Guidance item enables to set the age limit for programs.

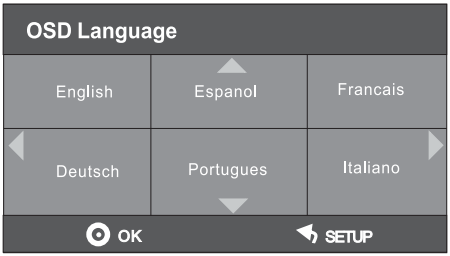


Key Lock item can changed between On and Off.

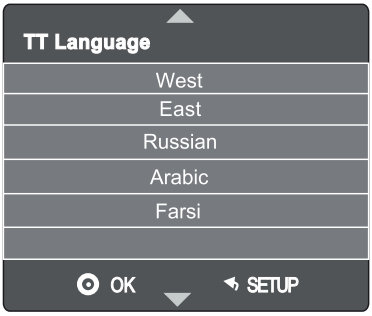
SETUP

Select SETUP section to select OSD Language, TT Language, Audio Languages, Subtitle Language, PVR File System, Aspect Ratio, Blue Screen, First Time Installation, Reset and Software Update (USB).

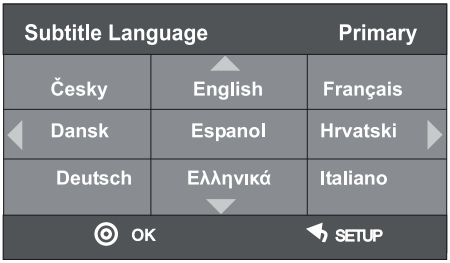
OSD Language item enables to adjust OSD language.



TT Language item enables to select group of teletext languages.

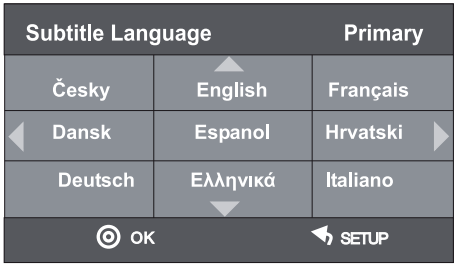


Audio Languages item enables to select primary and secondary speech language of a program (available only in DTV mode if program provider supports the multi language function).

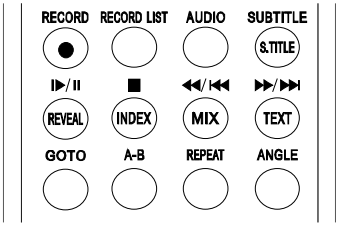


DTV menu setup

Subtitle Language item enables to select primary and secondary subtitle language of a programme.



PVR FILE SYSTEM



PVR REMOTE CONTROL KEY FUNCTIONS

PVR RECORD key: **RECORD**
To start PVR record.
PVR LIST key: **RECORD LIST**
To call the recorded list.
PVR PLAY key: **I►/II**
Play the recorded programs in Media mode.
PVR REWIND key: **◄◄/I◄◄**
Rewinds at high speed. Each time you press this button the rewind speed is increased.
PVR FAST FORWARD key: **►►/►►I**
Fast forward at high speed. Each time you press this button the fast forward speed is increased.
PVR PAUSE key or PVR TSR KEY: **I►/II**
Pause the play of recorded program or Start of the TSR program.
PVR SEGMENT REPEAT key: **A-B/GREEN**
To select segment for repeat of recorded program.

PVR FUNCTIONS

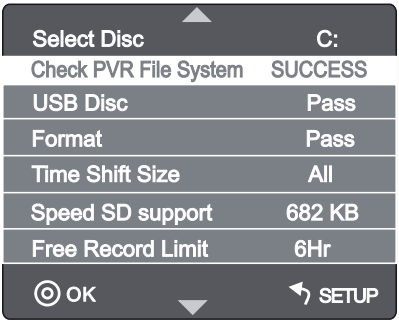
Imagine coming home to your own personal library of television programs, movies, and sports that you can watch whenever it's convenient for you.
It's TV for your schedule.
Pause of live television!
Rewind and replay programs so you don't miss a beat.
Record your favourite programs and view them as many times as you want.

DTV menu setup

The PVR File system menu description

Insert USB device into your TV's USB port. Press **SETUP** button on the remote control, select SETUP section, line PVR File System.

Select Disk: select the disk as a PVR file system disk.
Check PVR File System: check the disk file format.
USB Disk: display the USB Disk activation status, "PASS" flag is activation.
Format: format the USB disk, creat PVR file system format to the USB disk.
Time Shift Size: Show about the TSR capacity.
Speed: read and write speed.
Free Record Limit: time the biggest recording set-up time, unit is hours.



Recording

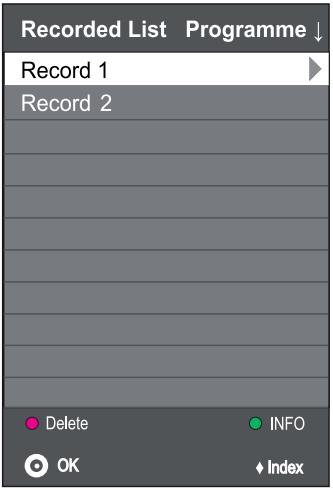
Note:
Before recording please perform steps discussed in the PVR file system menu description.

Press **RECORD** key to start recording. For stopping use ■ button on the RC or select **Stop** on the Command Line. You can display the Command Line with RC button ■ while recording or previewing record.

DTV menu setup

Previewing records

Previewing in DTV mode:
You can switch to Recorded List by pressing **RECORD LIST** button. Choose wanted record by moving cursor ▲▼ and press **OK**. Press **GOTO/RED** button to delete record, **A-B/GREEN** - to display record information.



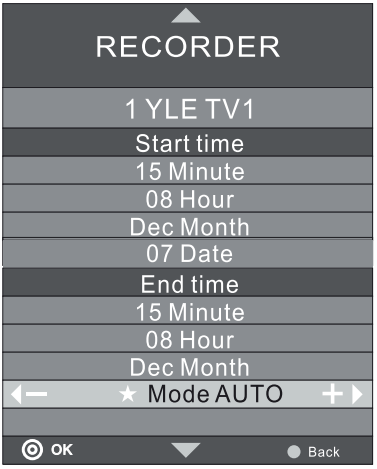
Previewing in Media mode: Switch to USB mode using **SOURCE** menu, select MOVIE > Wanted disk > MST PVR > Wanted record. Press **OK** to play record in full screen. While watching record, press **OK** to call the command line.

Command line functions

You can find these functions in a command line: **Pause**; **FB**; **FF**; **Prev.**; **Next**; **Stop**; **Repeat** (Repeat All > Reapeat None > Repeat 1); **Set A/B**; **Playlist**; **Info.**; **Slow Forward**; **Step Forward**; **Goto Time**; **Zoom In**; **Zoom Out**; **Aspect Ratio** (Auto > Zoom 1 > Zoom 2 > 16:9 > 4:3); **Move View.**

PVR using EPG menu

Press **EPG** button on the RC to call EPG menu. Switch to Recorder mode by pressing **RECORD** or **GOTO/RED** button. Setup channel, start and end time, then press **OK**. You can choose record periodicity in a bottom line: Mode Auto > Mode Once > Mode Every Day > Mode Weekly.
PVR funkction on EPG menu is available on TV Standby mode.



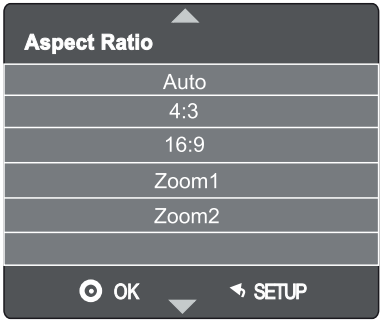
DTV menu setup

Time Shift Record (TSR)
Time Shift Disk Size can according to customer need constitution, the capacity establishes bigger, record time more long.

Pressing the ►/II key while having no menu will get into record video function, until pressing ■ key or selecting command Stop in command line, or USB disk has been full.
Press ►/II key repeatedly or select the command **Play** in command line to play.
Press ►►I key or select the command **Next** in command line to go forward for 30 seconds.
Press I◄◄ key or select the command **Prev.** in command line to go back for 30 seconds.
The process can be used button I◄◄ /►►I or select the command **FB/FF** in command line to play fast rewind / forward.
At this time press ■ key or command **Stop** in command line will stop TSR function and return to normal status.

PVR operator attentions
USB disk at least 1GB in capacity; the length of record determines the capacity of disk.
High-speed USB devices with Hi Speed FS file system are recommended for multimedia and PVR application.
Mobile HDD or high-speed USB stick are recommended for better performance in PVR and time shift application.
Formatted, it will delete all the contents out, pay attention to preservation of important information.
If USB disk have some virus, format function would be failure.
PVR functionality is only effective at the next port DTV.
Has multiple partitions such as the use of mobile hard disk, you can PVR File System menu, and select the corresponding letter PVR.
PVR File System menu of the Recorder will be limited one-time burn the longest. That time will automatically exit. Recording maximum time period set for 24 hours.
Signal formats for DTV video format (TS streams).
PVR function is only available in DTV source.
PVR files will be played in USB mode only if the file size is larger than 5 Mb.
USB device must be compatible USB 2.0 HS specification.

Aspect Ratio item enables to select picture aspect ratio between Auto, 4:3, 16:9, Zoom1 and Zoom2.



Blue Screen item can changed between On and Off.
First Time Installation item facilitates a search of programmes.
Reset item enables to reset all values to default.
Software Update (OSD) enables to update the SW via USB input.

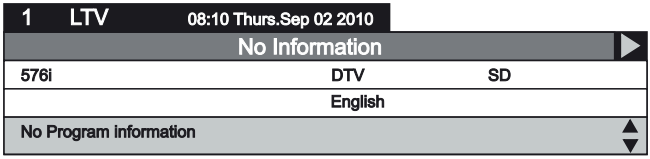
DTV menu setup

ELECTRONIC PROGRAM GUIDE (EPG)

By pressing the **EPG** button on the remote control, an Electronic Program Guide is displayed. The EPG supplies information, such as program lists, starts and end times of all available channels. In addition, the detailed information about the program is often available in the EPG. (The availability and the amount of program details will vary depending on the broadcaster.)

INFORMATION

To obtain more information about present and following events, you can press **DISPLAY** button. Like previously, the following event is displayed by pressing the ◄/► buttons (toggle between present and following events):



ATV MENU SETUP

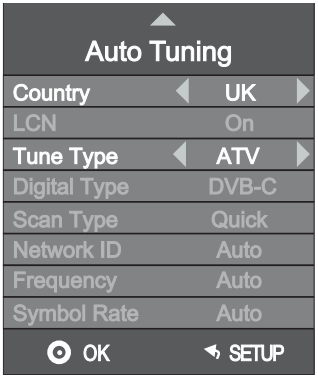
This product can store up to 100-channel programs. You can select your favourite channel through pressing **CH+/–** or number buttons, and you can scan and store all of the channels through manual or automatic mode.
In ATV mode, press **SETUP** button on the remote control.

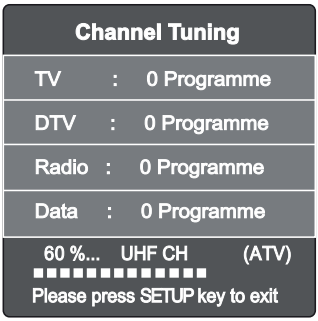
Through pressing ◄/► button on the remote control, you can select menu sections (menu sections consist of "CHANNEL", "PICTURE", "SOUND", "TIME", "LOCK", "SETUP").
Press ▲/▼ or **OK** button to enter this menu section.
Press ▲/▼ or **OK** button on the remote control to select the item in this menu section, and then press ◄/► button to adjust parameter value. Press **SETUP** button to return to main menu or **EXIT** button to exit from menu tables.

CHANNEL

Select CHANNEL section to setting ATV channels. You may select Auto Tuning, DTV Manual Tuning (described in DTV MENU SETUP), ATV Manual Tuning and Programme Edit.

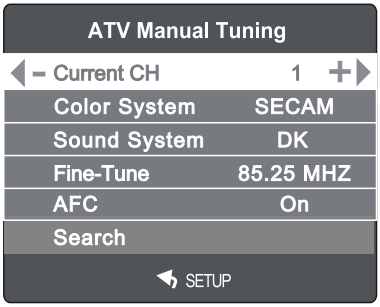
Select Auto Tuning option, press **OK** or ►. Press ▲/▼ to select the desired option:
Country and Tune Type. You can select DVB-T or DVB-C digital type. After selecting the desired settings, press **OK**. Auto Tuning will process channel tuning automatically. You will see Channel Tuning window on the screen during the channel search (see right image):



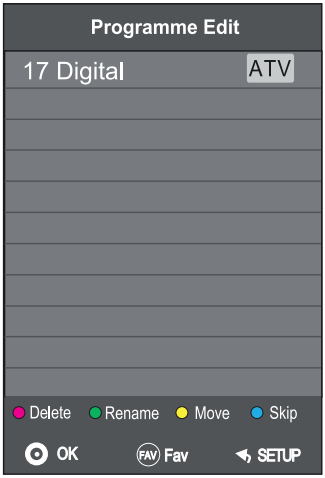


ATV menu setup

Select ATV Manual Tuning item, press ◄/► button to select ATV Manual Tuning menu.
You may select Current Channel, Colour System.
Sound System, Fine-Tune, AFC and Search.
Current Channel item enables to select the channel number.
Colour System item enables to select colour system "Auto", "PAL" and "SECAM".
Sound System item enables to select sound system "B/G", "DK", "I" and "L".
Fine-Tune item enables to adjust the channel frequency accurately to make the sound and picture effect better (or set channel frequency directly with number buttons).
AFC item enables to select On or Off for automatically correction of channel frequency.
Search item enables to adjust TV channel.

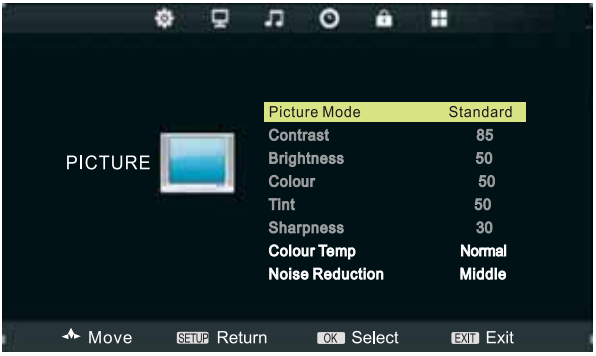


Programme Edit item enables to enter submenu to set channel Delete, Rename, Move, Skip and add to favourite list Fav.



PICTURE

Select PICTURE section to adjust picture parameters. You may select Picture Mode, Colour Temperature, Noise Reduction and adjust Contrast, Brightness, Colour, Sharpness, Tint.



Picture mode item can be changed between Personal, Dynamic, Standard and Mild.
Colour Temperature mode item can be changed between Normal, Cold and Warm.
Noise Reduction item can be changed between reduce noise mode: Off, Low, Middle, High and Default.
You may adjust Brightness, Contrast, Colour, Sharpness, Tint for Personal mode.

SOUND

Select SOUND section to select Sound Mode, Auto Volume, SPDIF Mode and adjust Balance.
Sound Mode, Auto Volume, SPDIF Mode and Balance items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

TIME

Select TIME section to select Sleep Timer, Auto Standby and OSD Timer.
Sleep Timer, Auto Standby and OSD timer items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

LOCK

Select LOCK section to Lock System, Set Password, Block Program and Key Lock.
Lock System, Set Password, Block Program and Key Lock items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

SETUP

Select SETUP section to select OSD Language, TT Language, Aspect Ratio, Blue Screen, First Time Installation, Reset and Software Update (USB).
OSD Language, TT Language, Aspect Ratio, Blue Screen, First Time Installation, Reset and Software Update (USB) items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

TELETEXT FUNCTION

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information etc. You just input the needed teletext page according to the teletext content.

TELETEXT DISPLAY
Select the channel with teletext signal.
Press **TEXT** button.
Select the corresponding page according to the colourized buttons on the remote control.
Press **TEXT** button twice again and only TV screen displays.

PAGE SELECTION
You can input 3 digit numbers to enter the page you want to watch trough number buttons.
If the inputted number is invalid, you need to input correct 3 digit numbers again after you finished inputting this 3 digit numbers.
You can select to turn pages forward or backward through **PAGE +/–** button.

MIX MODE
This function may let you enjoy TV and teletext information at the same time.
When a certain teletext page displays, press **TEXT** button again, TV and teletext information will display on screen at the same time.
Press **TEXT** button again and only TV screen displays.

LOCK
You can press **HOLD** button to lock teletext page. Press this button again to cancel locking.

INDEX
Press **INDEX** button to display content page.
Enter a certain teletext page through inputting number buttons.

ZOOM IN TELETEXT
When teletext page shows, you may double zoom into display this teletext page.
Press **SIZE** button to zoom in the upper half part of teletext page.
Press **SIZE** button again to enter under half part of teletext page.
Press this button once more to return to original display mode.

DISPLAY MODE
Press **REVEAL** button to display the hidden teletext information. Press this button again to cancel.

COLOURIZED BUTTONS (RED, GREEN, YELLOW, BLUE)
Select the corresponding teletext page through colourized buttons.

SCART/AV/COMPONENT/HDMI/MEDIA MENU SETUP

VIDEO SETTING MENU

The menu setup of SCART/AV/COMPONENT/HDMI/MEDIA modes is the same as that of TV mode, except the CHANNEL section. You can find it in preceding pages.

NOTE
If no signal input in DTV, ATV, SCART/AV/COMPONENT/HDMI, the screen will show as below.

This unit will switch to standby mode automatically if no signal input more than 5-20 minutes (depending on choice in TIME menu).

PC MENU SETUP

The VGA mode supported up to 1920X1080@60Hz, you can use this unit as a multimedia PC monitor. When this unit works in PC mode, the following setup can be done.
Press **SETUP** button on the remote control.

Through pressing ◄/► button on the remote control, you can select menu sections (menu sections consist of "SCREEN", "PICTURE", "SOUND", "TIME", "LOCK", "SETUP").
Press ▲/▼ or **OK** button to enter this menu section.
Press ▲/▼ or **OK** button on the remote control to select the item in this menu section, and then press ◄/► button to adjust parameter value. Press **SETUP** button to return to main menu or **EXIT** button to exit from menu tables.

SCREEN

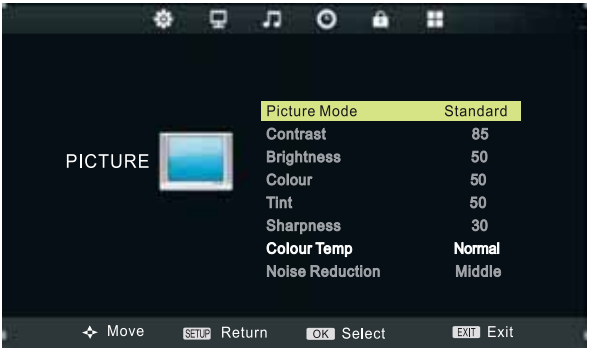
Select SCREEN section to adjust PC screen parameters (only available when inputting PC-RGB signal). You may select Auto Adjust, H-Offset, V-Offset, Size, Phase and Position Reset.

NOTE:
When your PC goes into standby mode, the screen will show as bellow. This unit will go into sleep mode if no input signal in 5-20 minutes (depending on choice in TIME menu).
You can wake it up by waking up your PC or pressing ⏻ button on the remote control.

PC menu setup

PICTURE

Select PICTURE section to adjust picture parameters. You may select Picture Mode, Colour Temperature and adjust Contrast, Brightness, Colour, Sharpness



Picture mode item can be changed between Personal, Dynamic, Standard and Mild.
Colour Temperature mode item can be changed between Normal, Cold and Warm.
You may adjust Brightness, Contrast, Colour and Sharpness for Personal mode.

SOUND

Select SOUND section to select Sound Mode, Auto Volume, SPDIF Mode and adjust Balance.
Sound Mode, Auto Volume, SPDIF Mode and Balance items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

TIME

Select TIME section to select Sleep Timer, Auto Standby and OSD Timer.
Sleep Timer, Auto Standby and OSD timer items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

LOCK

Select LOCK section to Lock System, Set Password and Key Lock.
Lock System, Set Password and Key Lock items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

SETUP

Select SETUP section to select OSD Language, Aspect Ratio, Blue Screen, Reset and Software Update (USB).
OSD Language, Aspect Ratio, Blue Screen, Reset and Software Update (USB) items are discussed in DTV Setup manual. Please refer to it for detailed instructions.

USB OPERATION

BRIEF INTRODUCTION

This product has a USB 2.0 interface; you can play music, movie and picture files from USB equipment.

USB refers to Universal Serial Bus. Most of USB devices on the market are USB1.1 or USB2.0.
There are some types USB1.1 devices:
Monitors Communication devices, Audio, Human Input Device (HID), Mass Storage, Most flash memory, USB HDD ect. Belongs to Mass Storage Class.
Mass Storage Class includes 2 transport maners:
1. USB1.1 Mass Storage Class Control/Bulk/Interrupt (CBI) Transport.
2. USB1.1 Mass Storage Class Bulk-Only Transport. This unit supports USB1.1

Mass Storage Class Bulk-Only Transport, we are not sure that other USB Devices can be supported! So please find out about the features of USB equipments before using it.

NOTES

1. This product supports MP3, MPEG1, MPEG2, AVI, JPEG and BMP format files.
2. The file system supports FAT16, FAT32 and NTFS.
3. MTP (Media Transfer Protocol) is not supported.
4. Please connect directly to the USB port of your TV. If you are using a separate cable connection, there may be a USB compatibility problem.
5. Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. The manufacturer is not responsible for any data file damage or data loss.
6. Do not disconnect the USB device while it is loading.
7. If you want to change playing mode, firstly you have to exit current playing mode through pressing **EXIT** button.
8. The higher the resolution of the image, the longer it takes to display on the screen.
9. For unsupported or corrupted files, the 'Unsuported format' message is displayed.

USB MULTIMEDIA PLAYBACK FORMAT

Media	File Extension	Code	
		Video	Audio
MOVIE	.avi	Xvid, MPEG-4	MP3, WMA, AAC
	.mpg	MPEG-1, MPEG-2	
	.dat	MPEG-1	
	.mov/.mkv	H.264	
MUSIC	.mp3	--	MP3
	.wma	--	WMA
	.m4a/.aac	--	AAC
PHOTO	.jpg/jpeg	Progressive JPEG	
		Baseline JPEG	
	.bmp	BMP	
	.png	Non-Interlaced	
		Interlaced	

NOTE
Before operating MEDIA menu, plug in USB device, then press **SOURCE** button to set the Input Source to USB.
Press ▲/▼ button to select Media in the Source menu, then press **OK** button to enter.

Press ◄/► button to select the option you want to adjust in the main MEDIA menu, then press **OK** button to enter.

USB operation

PHOTO MENU

Press ◄/► button to select PHOTO in the main menu, then press **OK** button to enter.
Press **EXIT** button to return back to the previous menu.

Press ◄/► button to select drive disk you want to watch, then press **OK** button to enter.
Press ◄/► button to select return option to back to the previous menu.

Press ◄/► button to select the file you want to watch in the file selecting menu, then press **OK** button to display picture.
When highlighting the option you select, the file information will appear on the right and picture will be previewed in the center.

USB operation

Press **OK** button to play the selected file.
Press **OK** button to display menu in the bottom.

Press ◄/► button to select menu in the bottom you want to run, then press **OK** button to operate.
Press **EXIT** button to back to the previous menu.

Press ◄/► button to select the file folder you want to search in the file selecting menu, then press **OK** button on your remote control to enter sub-menu.
Press ◄/► button to select the file you want to delete in the file selecting menu, then press red button on your remote control to delete files.

USB operation

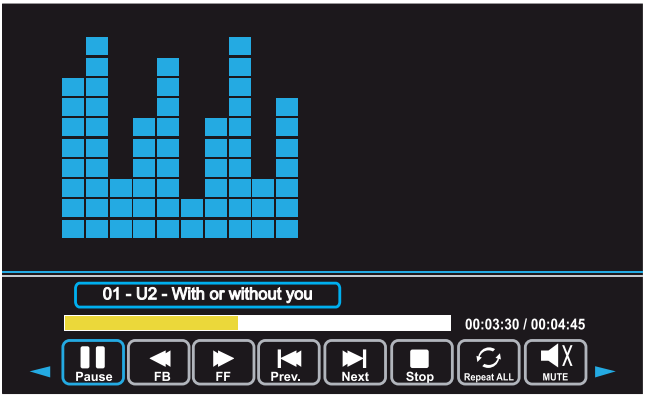
MUSIC MENU

Press ◄/► button to select **MUSIC** in the main menu, then press **OK** button to enter.
Press **EXIT** button to return back to the previous menu..

Press ◄/► button to select drive disk you want to watch, then press **OK** button to enter.
Press ◄/► button to select return option to back to the previous menu.
When highlighting the option you select, the file information will appear on the right and music will be previewed in the center.

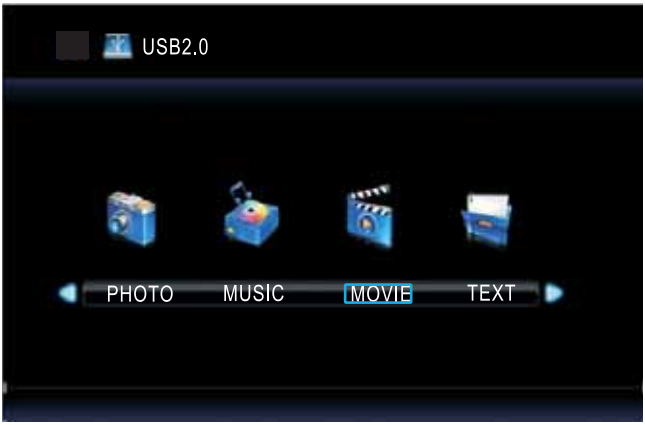
Press ◄/► button to select the file you want to watch in the selecting menu, then press **OK** button to add the file to playlist.

Press ◄/► button to select menu in the bottom you want to run, then press **OK** button to operate.
Press **EXIT** button to back to the previous menu.



MOVIE MENU

Press ◄/► button to select MOVIE in the main menu, then press **OK** button to enter.
Press **EXIT** button to return back to the previous menu.



Press ◄/► button to select drive disk you want to watch, then press **OK** button to enter.
Press ◄/► button to select return option to back to the previous menu.
When highlighting the option you select, the file information will appear on the right and movie will be previewed in the center.

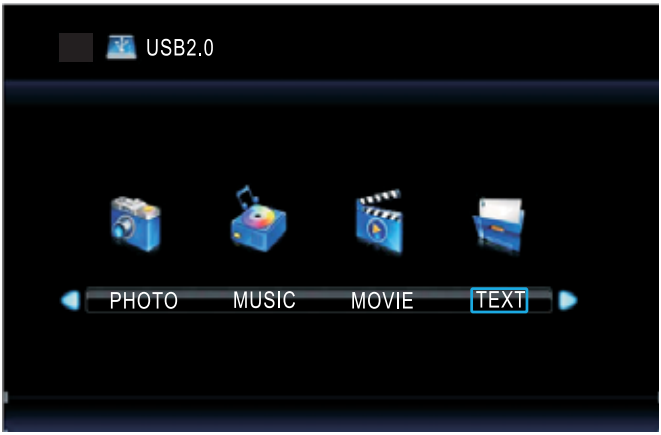
USB operation

Press **OK** button to play the selected movie.
Press **OK** button to display menu in the bottom.

Press ◄/► button to select menu in the bottom you want to run, then press **OK** button to operate.
Press **EXIT** button to back to the previous menu.

TEXT MENU

Press ◄/► button to select TEXT in the main menu, then press **OK** button to enter.
Press **EXIT** button to return back to the previous menu.



Press ◄/► button to select drive disk you want to watch, then press **OK** button to enter.
Press ◄/► button to select return option to back to the previous menu.
When highlighting the option you select, the file information will appear on the right and text will be previewed in the center.

Press **OK** button to view the selected text.
Press **OK** button to display menu in the bottom.

Press ◄/► button to select menu in the bottom you want to run, then press **OK** button to operate.
Press **EXIT** button to back to the previous menu.

DVD OPERATION

BASIC OPERATION

1. Turn ON and OFF the DVD function
   – Turn on the LED TV and then press **SOURCE** repeatedly to select DVD mode.
2. Insert Disc to DVD
   – Insert the Disc to the Disc slot (mirror (record) side of the disc has to face towards front of the unit), the player will load the disc automatically. There will have an on screen indication "**CLOSE**" then "**LOADING**". After loading the disc content, it will switch to play mode automatically. If the disc is already placed inside, the disc will be read automatically.

Note:
For some discs, after loading the content of the disc, need to press ►/❚❚ or select from the disc menu to start.

– Please make sure when inserting the Disc, the mirror (record) side of the disc should be facing you.
  When inserting the Disc incorrectly, you may damage the DVD mechanism.

3. Play the DVD
   – According to the disc content, the disc menu will display for your selection. When playing the disc, you may use ►/❚❚ button to toggle between Play and Pause mode. This product also supports Menu, Title, Sequential and Program playback.
   – Press ■ button once to stop. Press ►/❚❚ button to resume from where you stopped.
   – Press ■ button Twice to stop. Press ►/❚❚ button to start from beginning.
   – In order to protect the disc, press ■ button then press **EJECT** button to take the disc out. When the disc is ejected, hold the disc edge slightly and take it from the eject direction to prevent scratches.
   – When not using the DVD function (in stand-by mode or using others modes for a long time), please take out the disc to protect the DVD loader and the disc.

4. Title playback (for DVD disc only)
   – Press **TITLE** button, there will have an on screen indication "**Title Menu**".
   – Press the direction or numeric buttons to select your favorite title.
   – Then will play from the first chapter of the selected title.

DVD FUNCTIONS OPERATING INSTRUCTIONS

1. **Play (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – For DVD disc, press ▮►/▮▮ button from root or title menu; while playing the DVD, you may play your favorite title directly with title selection by pressing the **TITLE** button.
   – For Super VCD & VCD discs, while playing the disc, you may play your favorite tracks by numeric buttons (NOTE: When using the Program playback or when it is PBC ON status, you can only use ►►▮ or ▮◄◄ buttons to change the track)
   – For CD, CD-G & HD-CD discs, while playing the disc, you may play your favorite tracks by numeric buttons.
   – For MP3 / JPEG disc, you may play your favorite tracks by numeric buttons from the content menu.
   – If input track number is not valid, it will not function.
   Note:
   From track 1–10, use numeric buttons directly; For tracks over 10, use numeric buttons directly or press **- / --** button first (E.g. Track 15, press -/-- then 5)
2. **Previous/Next (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – While playing the disc;
   • Press ▮◄◄ button to play to the last Title / Chapter / track.
   • Press ►►▮ button to play to the next Title / Chapter / track
   – For super VCD & VCD discs, in PBC OFF status;
   • If the current track is the first one, press ▮◄◄ button will stop the playback.
   • If the current track is the last one, press ►►▮ button will stop the playback.
   – For DVD discs, the above functions may vary due to different DVD disc's structure.
3. **Forward/ Backward (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – While playing the disc, you may use forward or backward function.
   – There are 5 speeds for forward or backward. Press ◄◄ or ►► button to toggle between different speeds in sequent. (FF×2 /FF×4 / FF×8 / FF×16 / FF×32 / Play, or FR×2 /FR×4 / FR×8 / FR×16 / FR×32 / Play).
   • While in forward or backward, you may press ▮►/▮▮ to resume normal speed.
   • For CD, HD-CD, Mp3, forward or backward also has audio output.
   • For DVD discs, if backward to first title / chapter, it will start from the beginning.
   • For Super VCD & VCD discs, in PBC ON status, if backward to the first track, it will start from the beginning.
   Note:
   During Forward or Backward, the sound will be off.
4. **Pause (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – FOR DVD, Super VCD, VCD, CD, CD-G, HD-CD & MP3/JPEG discs, press ▮►/▮▮ button to pause; press ▮►/▮▮ button to resume.
5. **Repeat (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – Press **REPEAT** button once to display the current repeat mode.
   • For Super VCD, VCD, CD, CD-G, HD-CD, discs, while playing in sequent, you may use the repeat playback. There are 2 repeat modes, press REPEAT to toggle between different modes in sequent.
   (REPEAT (OFF)/ REPEAT (1)/REPEAT (ALL.
   • For DVD discs, you may setup the repeat playback mode. There are 2 repeat modes, press REPEAT to toggle between different modes in sequent. (REP: (OFF) / REP: (CHAPTER) / REP: (TITLE) / REP:
   • (ALL.For MP3 / JPEG discs, while playing the disc, you may use the repeat playback. There are 3 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REPEAT (OFF) / REPEAT (1) / REPEAT (DIR) / REPEAT (ALL.
6. **Display (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – Press **DISPLAY** button to activate the on screen roll-down menu for the current Title, Chapter, time and other information.
7. **Goto (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)**
   – This function allows you to play your favorite Title / Chapter / track. Press **GOTO** button to activate the on screen scroll-down menu for edit. According to the highlighted area, input your favorite Title / chapter / Track number by numeric buttons or input the playback time. After editing, press **OK** to start. If the input is invalid, it will not function.

DVD operation

Note:
While editing, the **GOTO** button is not function.
- If it is in PBC ON status, this function will switch it to OFF.
- For Mp3/JPEG discs, use numeric buttons directly to select your favorite songs or pictures.

8. AUDIO (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)
- Press **AUDIO** button once to display current audio mode.
- Press again to toggle between different audio modes in sequent.
- For Super VCD & VCD, CD, CD-G, HD-CD, MP3 discs: (L/L, R/R, STEREO, MIX MONO)

Note:
Switching to Auto L / R audio channel may be varied due to different discs contents. Bilingua VCD discs can use **AUDIO** button to switch between different languages.

9. Language (for DVD and Super VCD discs)
- Press **AUDIO** button once to display current language.
- Press again to toggle between different languages mode in sequent.

Note:
For Multi-languages DVD & Super VCD discs, press **AUDIO** button to select your favorite language.

10. Subtitle (for DVD and Super VCD discs)
- Press **SUBTITLE** button once to display current sub-title.
- Press again to toggle between different subtitle modes in sequent.

Note:
For Multi-languages subtitle DVD & Super VCD discs, press **SUBTITLE** button to select your favorite subtitle language.

11. Angle (for DVD disc)
- Press **ANGLE** button once to display current playback angle.
- Press again to toggle between different playback angle codes in sequent. (E.g. Angle -/-(Current/Full) or OFF)

Note:
Only for DVD with multi-angle, press **ANGLE** button to select your favorite playback angle.
Selectable playback angle depends on the availability of the DVD contents.

12. Mute (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)
- Press **MUTE** button to mute the audio output. There will have an on screen symbol indicate "MUTE".
- Press again to cancel, or Press VOL + to cancel and adjust the volume.
- In case there is no audio output, try to press **MUTE** button to cancel mute.

13. ZOOM (for DVD/ Super VCD/ VCD / Mp3 and JPEG discs)
- Press **ZOOM+** button to zoom in the picture.
- There are 3 zoom modes, press **ZOOM+** button to toggle between different zoom modes in sequent.
  (Zoom OFF, Zoom×2 , Zoom×3, Zoom×4).
- In Zoom×2, Zoom×3 and Zoom×4, you may use the navigation buttons to pan the picture for your favorite portion.

14. A-B (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)
- In normal Playback, fast forward or fast reverse, press **A-B** button at where you want to start the repeat portion. There will have an on screen indication "REPEAT A".
- In normal Playback, fast forward or fast reverse, press **A-B** button again at where you want to stop the repeat portion. There will have an on screen indication "REPEAT A B".
- The repeat function started to playback the portion from A to B automatically.
- Press **A-B** button again to cancel. There will have an on screen indication "REPEAT OFF".
- For Super VCD, VCD & CD discs, repeat A-B is only function within the same track. When playing the others, repeat A-B will cancel automatically.
- For Super DVD discs, repeat A-B is only function within the same Title /Chapter. When playing the others, repeat A-B will cancel automatically.

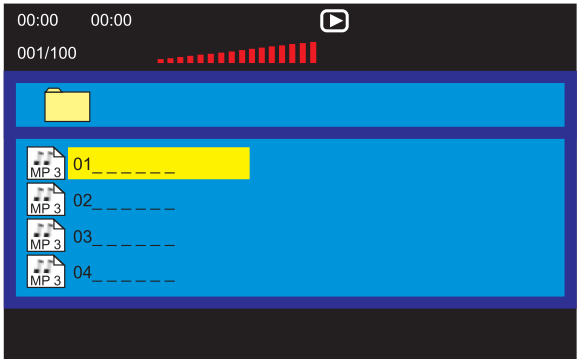
15. Volume (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs)
- Press **– VOL / VOL +** buttons to adjust the output volume.

Note:
Playback DVD discs in original code, is not adjustable

16. INTRO (for Super VCD/ VCD/ CD/ CD-G/ HD-CD)
- Intro/Scan/9 picture displays.

MP3/JPEG PLAYBACK

After loading the MP3 / JPEG disc, it will start to scan for the stored MP3 /JPEG folders. Then will firstly display the MP3 contents automatically. Screen as follow:



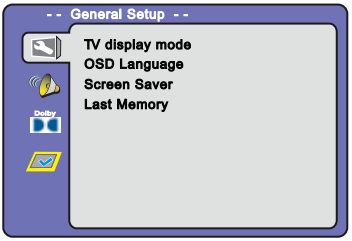
– Using the navigation buttons to check you favorite folder and playback the first file or move to the your favorite file.

Note:

– Press ◄/► buttons to move the highlight to folders, documents or mode selection.
– Press numeric buttons to select the contents directly. For number over 10, use numeric buttons directly or press -/-- button first (E.g. Track 15, press -/– then 5)
– When playback MP3 files, there is no picture display, only audio output
– When play or pause with picture playback, you may use navigation butoons to flip / rotate the picture.
• ▲ button to flip horizontally.
• ▼ button to flip vertically.
• ◄ button to rotate left 90°.
• ► button to rotate right 90°.
– When play or pause with picture playback, Press I◄◄ /►►I button to select next / previous page or press numeric buttons to view the corresponding pictures.

DVD operation

FUNCTION SETTINGS

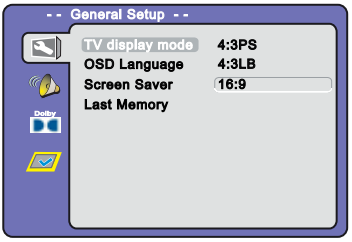


Press **DVD-MENU** button to activate the DVD player OSD menu. Setup Mode provides the menu for the configuration of **General Setup**, **Speaker Setup Page**, **Digital Setup** and **Preferences Page**. Press ▲/▼ button to switch between these categories. Press **OK** or ► button to enter highlighted submenu. Press ◄ to back the OSD menu and **DVD-MENU** button to exit the OSD menu.

Note:

In Setup mode, the following functions will be cancel or pause: TITLE, SUBTITLE, DISPLAY, PLAY, SETUP, STOP, SLOW / STEP, AUDIO, F.FWD, F.REV, PREV, NEXT, GOTO, ZOOM, ANGLE, PROGRAM, PREVIEW, REPEAT, A-B.

GENERAL SETUP



TV DISPLAY MODE

DVDs are produced in a variety of screen aspect ratios.
This menu allows you to select one of the three aspect ratios:

- 4:3 PS
- 4:3 LB
- 16:9
  - Select the most appropriate aspect ratio for the DVD being viewed.

4:3 PS

Pan and Scan is used for most normal television broadcasts and it is the default setting. It has an aspect ration of 4:3. If you select this setting when viewing a DVD the picture will fill the screen but, you will not see the left and right edges of the picture.

4:3 LB

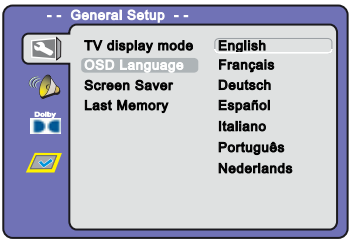
Letter Box will show the DVD in its original aspect ratio so depending on the size of your television screen, you may see black borders above and below the picture.

16:9

Choose this setting if you have a widescreen television.

Note:

- Playback screen size may vary according to the discs contents.
- For discs with 4:3 contents, using any mode would only display a 4:3 screen
- Screen ratio selection should be according to the connected TV / Display aspect ratio.

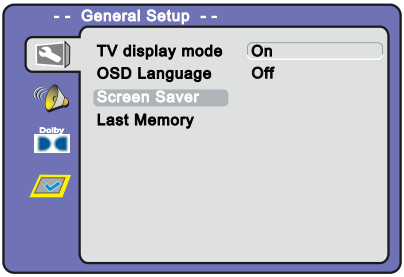


OSD LANGUAGE

Use navigation buttons to select the **OSD Language** setup icon, press **OK** button to confirm. There are few languages for your selection, press ▲/▼ buttons to toggle between different languages. Press OK button to confirm.

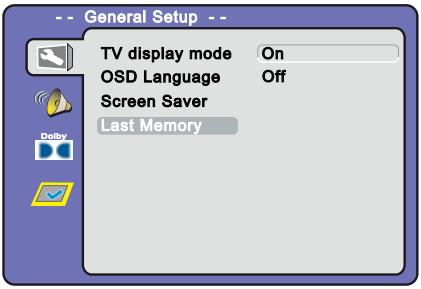
Note:

If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.



SCREEN SAVER

Enable or disable **Screen Saver**.
It will appear when the player stops or the picture is frozen for a few minutes. Screen saver can prevent the screen from being damaged.



LAST MEMORY

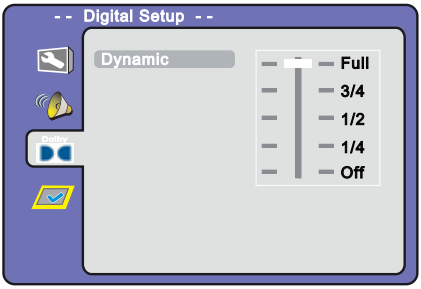
Enable or disable **Last Memory**.
On – next time you start playback **Last Memory** resumes it from the last point and restores last used settings.
Off – automatically switches back to the default settings.

Speaker Setup Page

DOWNMIX

Use navigation buttons to select **Surround** or **Stereo** option:
Surround – Surround mode
Stereo – Select this option if you don't have a 5.1 channels amplifier.

DIGITAL SETUP



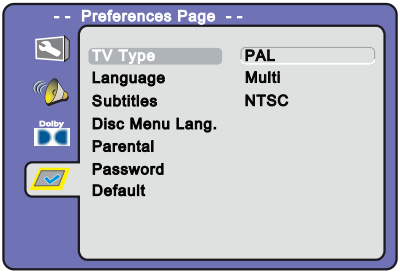
DYNAMIC

This option is used to set the compression ratio in order to control the sound (Volume) contrast.

DVD operation

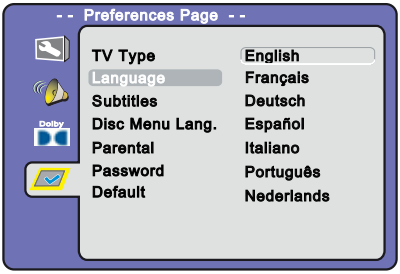
Preferences Page

Preferences Page only valid when you press ■ (Stop) button twice to playback and then enter setup menu.



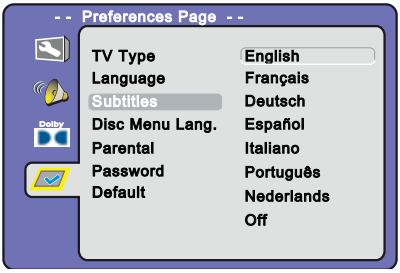
TV TYPE

This menu enables you to set the picture format for your TV/ DVD.
PAL – This is the format used in the EUROPE and the default setting.
Multi – The player will set the TV system according to the disc in the tray.
NTSC – This format is used by some other countries, e.g. USA



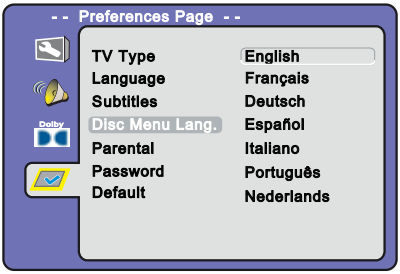
LANGUAGE

Use navigation buttons to select the **Language** setup icon, press **OK** button to confirm. There are few languages for your selection, press ▲/▼ buttons to toggle between different languages. Press **OK** button to confirm.
Note:
If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.



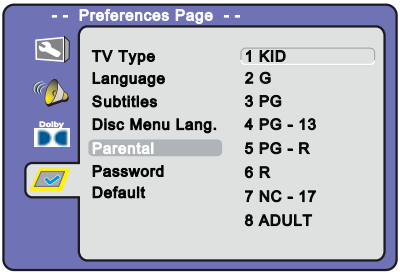
SUBTITLES

Use navigation buttons to select the **Subtitles** setup icon, press **OK** button to confirm. There are few languages for your selection, press ▲/▼ buttons to toggle between different languages. Press **OK** button to confirm.
Note:
If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.



DISC MENU LANGUAGE

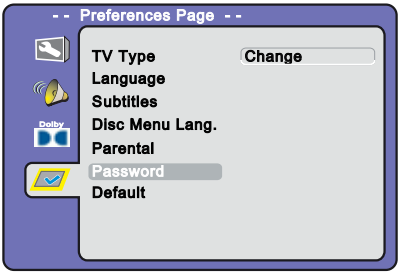
Use navigation buttons to select the **Disc Menu Language** setup icon, press **OK** button to confirm. There are few languages for your selection, press ▲/▼ buttons to toggle between different languages. Press **OK** button to confirm.
Note:
If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.



PARENTAL

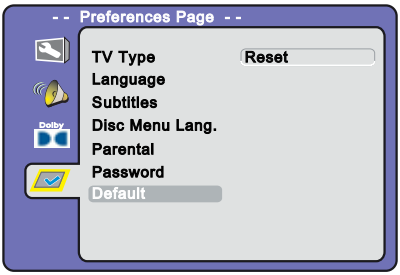
For some discs with rating, you can select the **Parental** setting, according to your preference. Rating restriction divided in eight different category from **KID** to **ADULT**.

Note:
Only editable when password is unlocked. And only can function when password is locked. It does not, however, reset either the Password or the Rating setting.



PASSWORD

The default setting is locked. No **Parental** selection or **Password** change could be done. To edit the **Parental** setting, please enter default password **136900** by numeric buttons, then press **OK** button to confirm.
To change password, input any 6 digit number when the lock is unlocked. Once the 6 digit number is entered, that will be your new password.



DEFAULT

Restores factory default settings. Press **OK**/► to select **Default** setup icon, then press **OK**/► button again to reset settings.

CARE AND MAINTENANCE

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here' s a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence

If you expect to leave your TV dormant for a long time(such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart before contacting any maintenance personnel.

DISPLAY TROUBLESHOOTING

Symptom	Causes and Correction
Black screen, power indicator light off	• Check whether power cord is well connected, and whether this unit is power on
	• Check whether the signal cord of input device is well connected • Check whether input device is power on
Image display flicker, unstable	• Check whether the input device signal is in this unit's specification
	• Check computer output mode: control panel-display-setup • If the setup does not accord with this unit's specification, please change the display setup
	• Hor scanning frequency: 30KHz~75KHz • Ver scanning frequency: 50 Hz~75Hz

SOUND AND TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	• Please make sure the well connecting of power cord
	• Please make sure the well connecting of audio cord
No sound	• Check volume
	• Make sure there is nothing plugged in the headphone jack
	• Check volume
Volume too low	• If volume is still too low when adjusting volume to maximum, please check whether the input device is well set
Snowy picture	• Input antenna damaged or not well connected
Remote control failure	• Check whether remote control battery used up • Whether battery installation is correct • Whether obstacles exists between remote control and the unit's receiving window • Check whether receiving window has strong light

Troubleshooting

DVD TROUBLESHOOTING

Symptom	Causes	Correction
Not play	1. Condensation on laser head 2. Disc not properly loaded 3. Disc not compatible with the unit	1. Switch on power and wait for 1 to 2 hours 2. Make sure label side of the disc facing up 3. Confirm whether this unit compatible with the placed disc
Sound distortion	1. Too large volume of connected device 2. Sound field mode not suitable for disc	1. Adjust the device volume 2. Adjust appropriate sound field
No sound	1. Disc warped or dirty 2. The unit in mute state	1. Clean the disc 2. Press MUTE button to cancel it.
No image	1. TV not set for proper system	1. Reset AV/TV state of TV
No color	1. TV system not right 2. TV color not well adjusted	1. Try to change the color system 2. Reset the TV color
No disc reading	1. Disc warped or dirty 2. Disc not correctly placed 3. Condensation on laser head	1. Clean the disc 2. Reload a disc with label side facing up 3. Witch on power, unload disc and leave it for about 1 hour
Temporary function failure	1. Mal-fabricated disc used 2. Wrong buttons pressed 3. Static leakage into the unit from outside	1. Wait for 5 to 10 seconds to restore to normality automatically 2. Operate again 3. Power off for 1 to 2 minutes to power on again
No subtitle	1. No subtitle made in disc 2. The unit subtitle is turned off	1. Disc problem 2. Press Subtitle button to select it
Image rolling	1. System setup not suitable for disc	1. Adjust system mode

- If the above methods still cannot solve the problems or the troubles are special, please contact the local maintenance personnel.

Specifications

Model	SLE 22F46DM4
Panel size	21.6“
Consumption	43W
Standby power consumption	≤0.5W
Nominal voltage	230V AC
Remote control	051D-DK-003
VESA wall mount	100x100mm
Dimensions with stand (W × H × D)	536x380x180mm
Dimensions w/o stand (W × H × D)	536x346x43.7mm
Dimensions of package (W × H × D)	603x472x200mm
Weight netto with stand	4kg
Weight netto w/o stand	5.4kg
Connections:	
RF IN	1
AV in	3xRCA (Audio + CVBS)
SCART	1
Component YPbPr	1 (minijack)
VGA (D-Sub 15 pin)	1
HDMI	1
SPDIF coaxial	1
USB	1
USB supported formats	See below
CI slot	1
Other features:	
WXGA resolution	1080 x 1920
Brightness (cd/m2)	250 nits
Aspect ratio	16 x 9
Dynamic contrast	Contrast 1000
Response time (ms)	5 (Tr+Tf)
Colours	16.7M
Colour temperature settings	Standard, Cool , Warm
Viewing angle	160° (Top+Bottom) & 170° (Left+Right)
Built-in tuner	Yes
Video system	MPEG 2MP@HL,H.264
Audio system	PEG-2 layer 1/2, MPEG-2 layer 2, and BG / DK / I / L and NICAM / A2 STEREO sound system receiving
Stereo sound	Yes
Sound output	2 x 3 W
PVR recording to USB	Yes
Pitch correction	Yes
Progressive Scan	Yes
Timeshift function	Yes
Electronic Programme Guide EPG	Yes
Teletext	Yes
Teletext pages	1000
Comb filter	Yes, 3D
OSD menu	Yes
Zoom	Auto, 4:3, 16:9, Zoom1 , Zoom2
Noise reduction	DNR (Dynamic Noise Reduction)
Timer off /on/sleep	Yes,
Subtitles	Yes
Audio language	Yes
Channel list	Yes
Favourites list	Yes
Picture freeze	Yes
Radio	Yes
Lock	Yes
Parent lock	Yes
Hotel mode	Yes

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of the packaging material in the designated place for waste disposal.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union
If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union
If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

Battery Disposal

To preserve natural resource, please cycle or dispose of expired battery properly! This product contains battery and must be disposed of properly! Local or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information.

CE This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

RoHS
2002/95/EC

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